

Notice of Allowability

Application No.

09/869,679

Examiner

SON X. NGUYEN

Applicant(s)

ANDERSSON ET AL.

Art Unit

2664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-21.
3. ☒ The drawings filed on 15 October 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

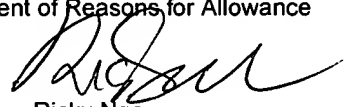
* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 7/03/01
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.


Ricky Ngo
Primary Examiner
Art Unit: 2660

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-21 are allowed.
2. The following is an examiner's statement for reasons for allowance:

Claims 1 and 13 are allowable over the prior art of record since the cited references taken individually or in combination fails to particularly disclose a multicast agent in communication with the ingress gateway and the non-multi-protocol-label-switching network for relaying the label request from the ingress gateway, across the non-multi-protocol-label-switching network, to a plurality of egress gateways, and for relaying at least one response from the plurality of egress gateways, across the non-multi-protocol-label-switching network, to the ingress gateway; and a designated gateway from the plurality of egress gateways. It is noted that the closest prior art, Ors et al. (US Patent 6,731,639) shows communication system for transmitting packets between plurality of end systems through switching node based on primary label routing information such that each primary label is dependent on the intermediate destination of the packet and the QoS requirement of the packet and is independent of the end system from which the packet originates and the switching node switches packets using only the primary label. However, Ors et al. fails to disclose or render obvious the above underlined limitations as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a) Fredette et al. (US 20020110119 A1) Method and apparatus for stream aggregation in a multiprotocol label switching network environment.

b) Mauger, Roy (U.S 6,778,494), Label switched media gateway and network.

c) Goyal et al. (U.S 6,466,985), Method and apparatus for providing quality of service using the internet protocol.

d) Ashwood Smith; Peter Hull. (U.S 6,738,354), Label selection for end-to-end label-switched traffic through a communications network.

e) Madour et al. (U.S 6,611,532), Methods and apparatus for integrating signaling system number 7 networks with networks using multi-protocol label switching.

f) Kodialam et al. (U.S 6,778,531) Multicast routing with service-level guarantees between ingress egress-points in a packet network.

g) Ors et al. (U.S 6,731,639) Multi protocol label switching for multiple access segments.

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h) Lee at el. (U.S 6,728,777) Method for engineering paths for multicast traffic.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SON X. NGUYEN whose telephone number is 571-272-6048. The examiner can normally be reached on 8 AM -5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on 571-272-3139. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

1/12/05
Son X. Nguyen


RICKY NGO
PRIMARY EXAMINER

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